

## ANTIBACTERIAL PAPER FOR FOOD

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**- european:**  
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### Abstract of JP2000110099

**PROBLEM TO BE SOLVED:** To obtain antibacterial paper for foods, capable of preventing attachment and proliferation of bacteria and suitable for packaging of fresh foods by applying an antibacterial agent containing catechin of tea extract and quinone of Phyllostachys pubescens extract to paper consisting mainly of natural pulp.

**SOLUTION:** A solution of antibacterial agent is prepared by adding ethyl alcohol as a solvent to antibacterial agent containing catechin of tea extract and quinone of Phyllostachys pubescens extract as ingredients. The solution of the antibacterial agent is applied to the surface of paper consisting of 100% natural pulp in the range of coating amount of 0.2-3.0 g/m<sup>2</sup>, preferably 0.5-2.0 g/m<sup>2</sup> to provide the objective antibacterial paper for foods.

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**20. Antibacterial paper for safe food packaging**

**CAS SECTION- 143**

**CAS SUBSECTION- 007**

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**NO-ABSTRACT**

**IDENTIFIER(S)- bamboo quinone antibacterial coating paper food packaging; tea catechin antibacterial coating paper food packaging**

**CAS REGISTRY/EC NUMBER(S)- 106-51-4    HEADING PARENT- 2,5-Cyclohexadiene-1,4-dione**

**CAS REGISTRY/EC NUMBER(S)- 120-80-9    HEADING PARENT- 1,2-Benzenediol**